

Title (en)

CARBONACEOUS MATERIAL FOR CELL AND CELL CONTAINING THE CARBONACEOUS MATERIAL

Title (de)

KOHLENSTOFFHALTIGES MATERIAL FÜR ZELLE UND ZELLE DIE DIESES ENTHÄLT

Title (fr)

MATIERE CARBONEE POUR CELLULE ET CELLULE LA CONTENANT

Publication

EP 1122803 A4 20050413 (EN)

Application

EP 99970512 A 19991012

Priority

- JP 9905614 W 19991012
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- US 12143699 P 19990223

Abstract (en)

[origin: EP1122803A1] The present invention relates to graphite powder and to a battery using it as a negative electrode material, the powder having a specific surface area of not more than 3 m²/g, an aspect ratio of not more than 6, and a tapping bulk density of not less than 0.8 g/cm³; or a tapping bulk density of not less than 0.8 g/cm³ and an oxidation initiation temperature of not less than 600 DEG C; or a specific surface area of not more than 3 m²/g and a tapping bulk density of not less than 0.8 g/cm³, a specific electrical resistance of the powder not more than 0.06 OMEGA cm in the specified condition. The battery obtained thus has a large discharge capacity, good cycle property and high charge and discharge efficiency. <IMAGE>

IPC 1-7

H01M 4/58

IPC 8 full level

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CPC (source: EP KR)

H01M 4/583 (2013.01 - KR); **H01M 4/587** (2013.01 - EP); **H01M 4/133** (2013.01 - EP); **H01M 2004/021** (2013.01 - EP); **Y02E 60/10** (2013.01 - EP)

Citation (search report)

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- [DA] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 01 28 February 1995 (1995-02-28)
- See references of WO 0022687A1

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DOCDB simple family (application)

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